

Product datasheet for **RN206097**

Pcdha1 (NM_199503) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdha1 (NM_199503) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdha1
Synonyms:	rCNRv01
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN206097 representing NM_199503
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTGTTTTCCAGGCTCCGAGGCTGAGAGCCCGCGCTGCTTTTGTCTCGCTTCTGCTTCTCGCAG
 CCTGGGAGGCAGGGAGCGCCAGCTCCATTACTCCGTCCCAGAGGAGGCCAAACACGGTACCTTCGTGGG
 CCGCATCGCACAGGACCTGGGGCTGGAGTTGGCGGAGCTGGTACCCCGCTTGTTCAGACTGGCGTCCAAG
 GACCGCGGAGACCTTCTGGAGGTAATCTGCAGAAATGGCATTGTTTGTGAATTCTCGGATTGACCGGG
 AGGAGCTGTGCGGGAGGAGCAGGAGTGTAGCATCCACCTGGAGGTGATCGTGGACAGGCCGCTGCAGGT
 TTTCCACGTGGAGGTGAAGGTTAAAGATATTAATGATAACCCACCGATTTTCAAAGGCTCAGAACAAAGG
 ATATTTATTCTGAAAACAGACAGCTAGATTACGGTTTCCACTAGAGGGCGCGGTGGACGCGGACATTG
 GTGCCAATTCTCTTTAACTTACACGCTGAGCCCCACTGATTACTTTCTTTGAAGGTAGAGACCACAGA
 CGAACTAAGTAAATCCCTTCGCTTGAAGTGAAGAAATCTTTGGATAGGGAAGAAACACCAGAATTCAG
 TTATTACTGACAGCCACCGATGGGGGCAAGCCAGAGTTGGAGGGGCGAGTTCCGGCTGCAGATTACTGTGC
 TTGATGTTAATGACAACGCCCCAGTGTTTGACCGGCGCTCTACAGAGCAGATTAACAGAACTACAGT
 GAATGGAACATTAGTGACCACATTAATGCCACTGACGCTGATGAAGGGGTCAATGGTGAAGTTGTGTTT
 TCCTTTGGCAATGACGTTTCTCTGACATTCAAGAAAAATCAAAGTGGATTCTATTTTCAGGAGAAATTA
 GGGTGATCGGTGATCTAGATTATGAAAAACAAAATCCTATGAAATCAAGTAAAGGCAGTTGATAAAGG
 AACTCCCTCCATGTCAAATCACTGCAAGGTTTGGTGAAGTCTGGATGTAATGATAATGTTCCGGAG
 CTGATGATCACATCCTTGTCTTTGCCATCAAAGAGGATGCCCACTTAACACTGTCGTCGCACTCATT
 AGGTATCCGACATTGACTCAGGTGTCAATGGCAGGTGACCTGCTCCCTGAGTCCCTCATCTCCCTTCAA
 GCTCGTGTCCACCTTCAAGAATTACTATTCTGCTGGTGTGGACGGTGTCTTGGACCGAGAGACCACAGCT
 GACTATAAGGTGGTGGTACAGCCCGGATGGGGCTTACCCTCGCTGTGGGCCACGGCCAGTGTGTCTG
 TGGAGGTGGCTGACGTGAACGACAATGCTCCTGCGTTCGCGCAGCCGAATACACGGTGTTCGTGAAGGA
 GAATAATCCGCTGGCGCGCACATCTTACCCTGTGACGAGTGGACGCGGACGCGCAGGAGAACGCGCTG
 GTGTCTACTCGTGGTGGAGCGGAGGGTAGGCGAGCGCTTGTATCGAGTTACGTATCTGTGCACGCGG
 AGAGCGGCAAGGTGTTGCGCTGCAGCCTTGGACCATGAGGAGGTGGAGCTGTCAGTTCAGGTGAG
 CGCGCGGATGCTGGTGTGCTGCCCTGGGAGCAATGTGACTCTGCAGGTGTTTGTGTTGGATGAGAAT
 GACAATGCACCCACGCTGCTGGGCTTACGCGAGGAGCGCAGTGAAGCAATGGTGTACGGACAGTGG
 GTGCAGGATATGTGGTGAAGAGTGGCGCAGTGGATGCGGACTCTGGCTACAATGCGTGGCTGTCATA
 TGAAGTGAACCTCCTACTGGTGGTGCACGCAACCCGTTCCGCGTGGGGCTGTACTGTTGAGATCAGC
 ACCACAGCTCCCTAGATGAGGTCGATGTTTACGACAGCGTCTCTTGGTCTGGTAAAGGACCATGGAG
 AGCCAATGCTGACTGCTACGGCTACCGTGTGGTATCTCTGGTGAAGCAGTCCGATTGAGAAAGCCTC
 TTTGCCGTATTAAGTGGCGCAGTGGGTTCCCGGGCGTGGTGGATGTCAACGTGTACCTAATCATC
 GCCATCTGCGCAGTGTCCAGCCTGTTGGTGTCTACTCTGCTGTACACAGCGCTGCGTGTCTCAGCGA
 CACCAGCAGATGGAGTCTGTGCTCCTGGGAAGCCCATGCTGGTGTGCTCCAGCGCGGTGGGAAGCTGGTC
 ATACTCACAGCAGAGGCGACAGAGGGTGTGCTCTGGAGAGGGTCTGCCAAGACCGACCTCATGGCCTTC
 AGCCCGGGTCTATCCCGAGGTTTGAACATAGCGGAAAGAAGTACCACCCAGAAGTAAATTCAGATCTTT
 CTGGTAACCCCGACAGCCCAACCTGACTGGCGTACTCTGCCTCGCTAAGAGCCGGCATGCACAGCTC
 TGTGCACCTGGAGGAGGTGGCATTCTACGGGCTGGTCCAGGAGGGCTGATCAACAGTGGCCAACAGTA
 TCCAGTGAACACCAGAACCAGAGGAGGAGAGGTGTCCCTCCAGTGGGCGTGGTGTCAACAGCAACA
 GCTGGACCTTTAAATACGGACCCGGCAACCCAAACAGCCCGGTCCCGGTGAGTTGCCAGACAAATTCAT
 TATCCAGGATCTCTGCAATCATCTCCATCCGGCAGGAGTCTGTAACAACCAATTCAGAAAAGCGAT
 TTTATAACCTTCGGCAAAAAGGAGGAGACCAAGAAAAAGAAAAAGAAAGGGAACAAGACCCAGG
 AGAAAAAGAGAAAGGGAACAGCAGCAGCAGCAACAGTGACCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_199503
Insert Size:	2847 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_199503.1</u> , <u>NP_955797.1</u>
RefSeq Size:	5244 bp
RefSeq ORF:	2847 bp
Locus ID:	393085
Cytogenetics:	18p11
Gene Summary:	synaptic cadherin gene organized into three closely linked clusters [RGD, Feb 2006]